Fact Sheet

Route Reconnaissance/Clearance Operations Course – Sapper (R2C2-S)

SITUATION

1. **Introduction.** The purpose of this course is to provide Sappers that are deploying to OIF/OEF, with the individual and collective knowledge and skills required to conduct Route Reconnaissance/Clearance Course (R2C2) operations, when heavy Route Clearance Equipment is not available. Students will be taught employment of a robotic platform for Explosive Device detection and possible neutralization. Neutralization is based on the commander's decision process, as outlined in FMI-3-34.119 (Improvised Explosive Device Defeat).

2. **Purpose.** The purpose of this fact sheet is to inform units, and selected personnel, of the course requirements. This document details requirements that are critical to the successful delivery of the R2C2-S.

3. **MTT availability.** No MTT is available for this course.

MISSION

4. To train selected personnel for employment on Route Reconnaissance and Clearance Operations employing robotic platform for Explosive Device detection and possible neutralization.

EXECUTION

5. **Intent.** The Counter Explosive Hazards Center (CEHC) will conduct R2C2-S Training, with emphasis on the following.

    a. The explosive hazard threat in OEF or OIF.

    b. The use of Counter Remote Control Electronic Warfare (CREW).

    c. Route reconnaissance.

    d. Enemy TTPs.

    e. The operation and employment of the Marcbot and Talon robots.

    f. Convoy procedures.

    g. Explosive Device investigation/neutralization.

6. **Concept.** The course is structured as a ten-day (80 hour) training event. General details are as follows.

a. **Week One.** Sappers will receive individual training on the Marcbot and Talon robots, enemy TTPs, CREW, Explosive Device detection, R2C2 vehicle formations and operations utilizing organizational vehicle platforms, ordnance identification, MDI demolitions refresher training and IED neutralization techniques.

b. **Week Two.** Sappers will be divided into teams. Each team will act as the investigation/neutralization team for a platoon conducting R2C2 operations. Teams will employ a robot to investigate suspicious items, in order to confirm or deny the presence of an explosive device. Team leaders will then implement actions in accordance with the commander's decision flow chart, contained in FMI 3-34.119.

7. **Class size.** Each course trains a total of 12 personnel.

8. **Attendance Roster.** It is requested that units send a confirmed Personnel Attendance Roster to the CEHC POC for scheduling, not later than 7 days prior to course commencement. An Attendance Roster is at enclosure 1.

COORDINATING INSTRUCTIONS

9. **Reporting procedure.** Students will need to report to TA 190 at 0745 the first day of training .see enclosure 3.

10. **Course prerequisites.** To be eligible for the course, all students must meet the following requisites.

a. Combat Engineer MOS 21B.

b. Rank - E-5 to O-2.

11. Additionally, it is strongly recommended that all students receive Basic Demolitions refresher training, at their units, prior to attending the course.

12. **Special requirements.**

a. **Driver's license**. Students **must bring** a Military Driver's License and have received Accident Avoidance Training from their duty station. Certification of training is required and will be checked before training begins.

b. Additionally, students are to be licensed to operate a HMMWV and a GSA vehicle, prior to arriving at FLW.

13. **Training Schedule.** The schedule for R2C2-S Course is enclosure 2.

14. **Transportation:** The CEHC can not move students between training areas, students need a rental car for transportation to and from airport (FLW, STL, or Springfield, MO) and in and around FLW. It is recommended that units rent 15 Pax van to move students. A FLW strip map is at enclosure 3.

15. **Travel:** Please be advised that when scheduling return flights that the minimum drive time to the St. Louis Airport from FLW is 2½ hours and the Springfield Airport from FLW is 1½ hours and a minimum of 1 hour for check-in at the airport. Please allow maximum time of returning personnel from the release of training to scheduled flight times.

16. **Holidays:** Training will be conducted on Training Holidays; they are **not** recognized as time off. CEHC recognizes only Federal Holidays.

SERVICE AND SUPPORT

17. **Lodging:** Links can be found on the CEHC website for local area hotels.

18. (http://www.wood.army.mil/cehc/LocalInfoPage) The TSB can provide limited barracks if available. Phone: 573.596.0131 ext. 6-5888 or 573.596.0131 ext. 6-2319

19. **Meals.** Many Dining Facilities are available on Fort Leonard Wood (FLW); however, distance can vary from 0.5 to 12 miles from the training areas. Meals can be arranged by contacting the FLW Dining Facilities Manager at (573) 596 1774.

20. **Equipment.** Students are to arrive in possession of the following items.

    a. IBA.

    b. LBE.

    c. Kevlar Helmet.

    d. Wet weather gear.

    e. Cold weather equipment winter months training.

    f. Hydration system.

    g. Soft cap.

    h. Eye Protection for open hatch drills.

    i. Road Guard Vest.

    j. DA Form 348.

    k. OF346 (Military Drivers License).

21. **Student Training Material**. Each student will be provided with a handout/note sheet.

COMMAND AND SIGNAL

22. **Certification.** The instructors will keep attendance rosters of students attending training. Copies of attendance rosters will be made available to the host unit on request. Soldiers that do

not attend all of the training will not be certified. Soldiers that have appointments during the days of training should re-schedule those appointments.

23. **Contacting the CEHC**. For scheduling, CEHC can be contacted on the following numbers.
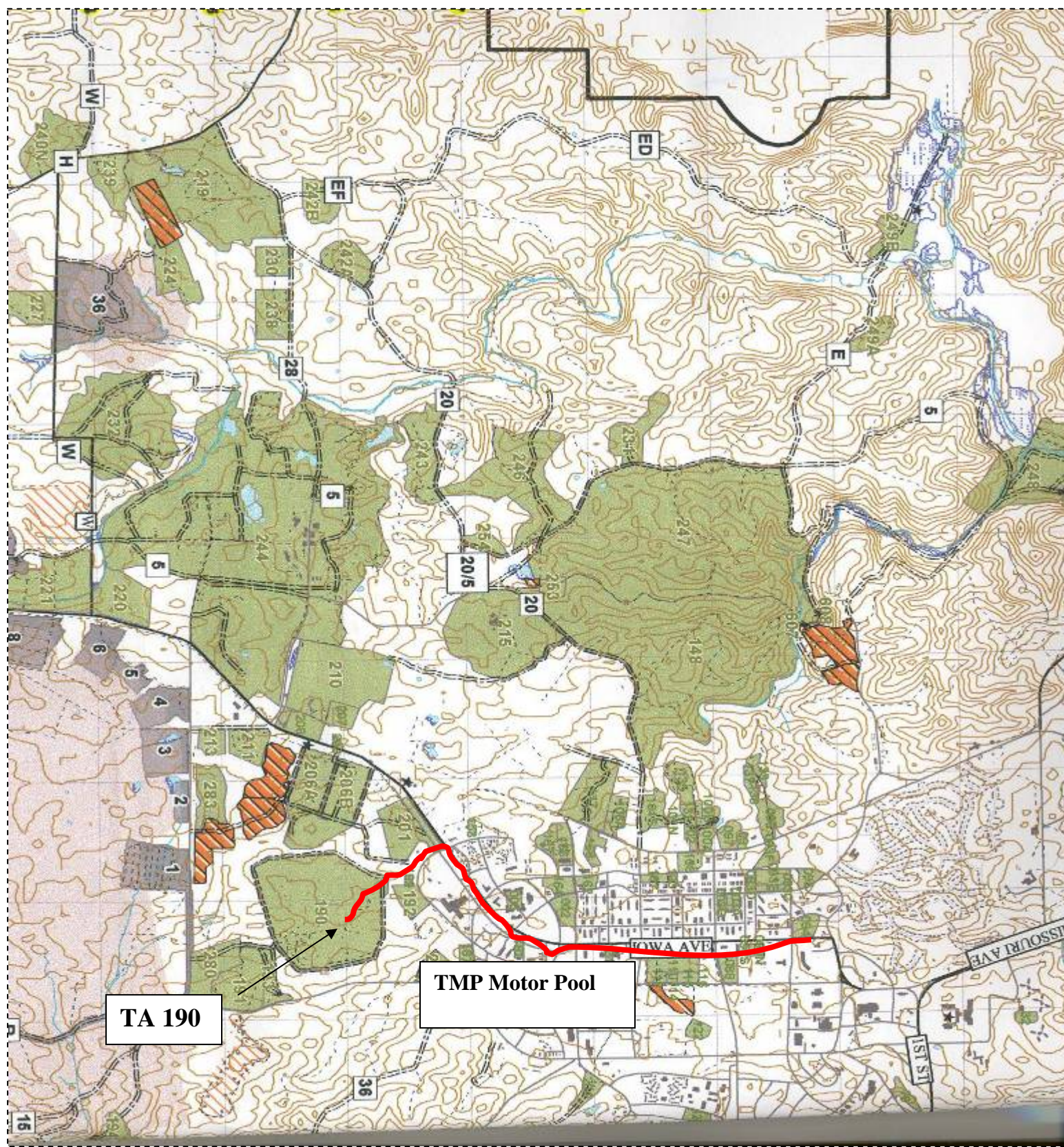
    a. **Scheduling.** (573) 563-3974, (573) 563-3994.

Web Site: www.wood@army.mil/cehc

Enclosures:

1. R2C2-S Attendance Roster
2. R2C2-S Course Schedule
3. Strip Map

TA 190

TMP Motor Pool